

In the Claims:

1. (currently amended) ~~A film-like~~ Film-like, active substance-containing preparation ~~preparations~~ for application in the oral cavity or for transmucosal application, wherein said preparation has a maximum peroxide number of 40 ~~characterized in that the preparation has a peroxide number of maximally 40.~~
2. (currently amended) ~~Preparation~~ The preparation according to claim 1, ~~characterized in that it has~~ wherein said preparation has a maximum peroxide number of 15 ~~which is maximally 15, preferably maximally 5.~~
3. (currently amended) ~~Preparation~~ The preparation according to claim 1, wherein said preparation ~~or 2, characterized in that it is~~ substantially free of active oxygen, wherein the term ~~[""]~~active oxygen~~[""]~~ referring to ~~comprises both~~ molecular oxygen as well as ~~to~~ and oxygen-containing compounds, wherein the oxygen has an oxidation state higher than -2, ~~especially~~ and includes peroxides with the general structure R-O-O-R', wherein R and R' are selected from the group consisting of alkyl residues and hydrogen, and wherein R and R' are the same or different.
4. (currently amended) ~~Preparation~~ The preparation according to claim 1, wherein said preparation ~~any one of the above claims, characterized in that it~~ contains at least one antioxidant, ~~preferably~~ selected from the group ~~comprising~~ consisting of ascorbic acid, ascorbylpalmitate, sodium sulfite, sodium disulfite, sodium metabisulfite, tocopherols (vitamin E), tocopherol acetate, thioglycerol, thioglycol acid, vitamin A, propyl gallate, octyl gallate, butylhydroxyanisol and butylhydroxytoluene.
5. (currently amended) ~~Preparation~~ The preparation according to claim 4, ~~characterized in that~~ wherein the concentration of the at least one antioxidant ~~antioxidant(s)~~ is 0.001 to 5%-wt., ~~preferably 0.01 to 3%-wt.~~
6. (currently amended) ~~Preparation~~ The preparation according to claim 1, wherein said preparation ~~any one of the preceding claims, characterized in that it has~~ comprises a mono-layered or multi-layered polymer matrix, with at least one layer having an active substance content.
7. (currently amended) ~~Preparation~~ The preparation according to claim 6, ~~characterized in that~~ wherein the matrix contains at least one ~~or more~~ polymer(s) polymer selected from the group ~~comprising~~ consisting of cellulose ether, ~~especially~~ ethyl cellulose, propyl cellulose, carboxymethyl cellulose (CMC), hydroxypropyl cellulose (HPC), hydroxypropylmethyl cellulose (HPMC), ~~mixtures of cellulose ethers, as well as~~ cellulose acetate, polyvinyl alcohols, polyvinyl acetate, polyvinyl

pyrrolidone, polyethylene oxide polymers, polyurethane, polyacrylic acid, polyacrylates, polymethacrylates, alginates, pectins, gelatine, starch and natural rubbers.

8. (currently amended) ~~Preparation~~ The preparation according to claim 6, ~~characterized in that wherein~~ the matrix contains at least one or more polymer(s) polymer selected from the group consisting of ~~[[the]]~~ hydrophile, water-soluble polymers ~~[[or]]~~ and polymers degradable in an aqueous media, ~~preferably from the group comprising cellulose derivatives, especially hydroxypropylmethyl-cellulose, carboxymethyl-cellulose, hydroxypropyl-cellulose and methyl-cellulose, as well as polyvinyl-alcohol, polyvinyl-acetate, polyvinylpyrrolidone, polyacrylates, water-soluble polysaccharides, especially pullulan, xanthan, alginates, dextrane and pectins, proteins, preferably gel-forming proteins, especially gelatine.~~
9. (currently amended) ~~Preparation~~ The preparation according to claim 1, wherein said preparation has at least one layer or at least one surface, and any one of the preceding claims, characterized in that said at least one layer or at least one surface of the preparation has mucoadhesive properties.
10. (currently amended) ~~Preparation~~ The preparation according to claim 1, wherein said preparation ~~any one of the preceding claims, characterized in that it contains at least one or more additives~~ additive selected from the group consisting of plasticizers, dyes and pigments, degradation enhancers, wetting agents, absorption- or permeation-enhancing substances, pH regulators, fillers, flavouring and aromatic substances and sweeteners.
11. (currently amended) ~~Preparation~~ The preparation according to claim 1, wherein said preparation ~~any one of the preceding claims, characterized in that it contains at least one active substance which due to its chemical structure is being~~ susceptible to attack by peroxide radicals due to the chemical structure of said at least one active substance.
12. (currently amended) Use of a preparation according to claim 1 ~~any one of the preceding claims~~ for transmucosal administration of medicinal active substances, ~~preferably for~~ by application in the oral cavity.
13. (currently amended) Use of a preparation according to claim 1 ~~any one of the preceding claims~~ as an oral administration form for releasing active substances in the gastrointestinal tract.
14. (currently amended) Use of a preparation according to claim 1 ~~any one of the~~

~~preceding claims~~ for releasing flavouring or aromatic substances in the oral cavity.

15. (currently amended) ~~Process~~ A process for the production of a film-like active substance-containing preparation for application in the oral cavity or for transmucosal application, ~~characterized by the following comprising the steps of:~~

- [[a)] ~~Determining the peroxide number of each and every one of the formulation component components provided for making the preparation according to recipe of a film-like, active substance-containing preparation for application in the oral cavity or for transmucosal applications wherein the preparation has a maximum peroxide number of 40;~~
- [[b)] ~~selecting the formulation components in such a manner that wherein the maximum sum of the peroxide numbers of the individual formulation components is maximally 40, with the peroxide number of each one of the formulation component components being weighted according to the percentage of these components in the preparation;~~
- [[c)] ~~preparing a solution, dispersion or melt which contains containing the selected formulation components as well as the and at least one active substance substance(s) to be released;~~
- [[d)] ~~coating [[this]] the solution, dispersion or melt onto an inert support using doctor-knife application, roll application, spraying or extrusion methods;[[,]] and subsequent drying or cooling said preparation to form, which results in the formation of a film layer.~~

16. (currently amended) ~~Process~~ The process according to claim 15, ~~characterized in that wherein the maximum sum of the peroxide number is maximally 15, preferably maximally 5.~~

17. (currently amended) ~~Process~~ The process according to claim 15, ~~and further comprising the step of subjecting or 16, characterized in that, following step (a), at least one formulation component is subjected to a treatment with at least one reducing agent agent(s) which is/are suitable for reducing the peroxide content.~~

18. (currently amended) ~~Process~~ The process according to claim 17, ~~and further comprising the step of adding an characterized in that the mentioned treatment is carried through in such a manner that the aqueous solution of an inorganic sulfite salt or hydrogen sulfite salt, preferably sodium sulfite or sodium hydrogen sulfite, is added to the formulation component in an alcoholic solution, preferably in methanolic or ethanolic solution.~~

19. (new) The preparation according to claim 2, wherein said preparation has a maximum peroxide number of 5.
20. (new) The preparation according to claim 5, wherein the concentration of the at least one antioxidant is 0.01 to 3%-wt.
21. (new) The preparation according to claim 7, wherein said cellulose ether is at least one selected from the group consisting of ethyl cellulose, propyl cellulose, carboxymethyl cellulose (CMC), hydroxypropyl cellulose (HPC) and hydroxypropylmethyl cellulose (HPMC).
22. (new) The preparation according to claim 8, wherein said at least one polymer is selected from the group consisting of cellulose derivatives, polyvinyl alcohol, polyvinyl acetate, polyvinylpyrrolidone, polyacrylates, water-soluble polysaccharides and proteins.
23. (new) The preparation according to claim 22, wherein said cellulose derivatives are selected from the group consisting of hydroxypropylmethyl cellulose, carboxymethyl cellulose, hydroxypropyl cellulose and methyl cellulose.
24. (new) The preparation according to claim 22, wherein said water-soluble polysaccharides are selected from the group consisting of pullulan, xanthan, alginates, dextrane and pectins.
25. (new) The preparation according to claim 22, wherein said proteins are gel-forming proteins.
26. (new) The preparation according to claim 25, wherein said gel-forming proteins are gelatine.
27. (new) The process according to claim 16, wherein the maximum sum of the peroxide number is 5.
28. (new) The process according to claim 18, wherein said inorganic sulfite salt or hydrogen sulfite salt is selected from the group consisting of sodium sulfite and sodium hydrogen sulfite.
29. (new) The process according to claim 18, wherein said alcoholic solution is selected from the group consisting of a methanolic solution and an ethanolic solution.